

ABSTRACT OF THE INVENTION

1 A self-powered awning having a drive assembly with a motor at least
2 partially inserted into an awning roll-up tube for deploying/retracting the
3 awning. The awning uses a rechargeable battery and/or one or more solar
4 panels to charge the rechargeable battery and/or power the awning.
5 Accordingly, the awning can be installed onto a building or vehicle wall without
6 requiring the awning to be wired to the building or vehicle electrical system.
7 The drive assembly and power system can also be retrofitted to existing
8 awnings.